

Senior QA Automation Engineer



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Hiring Team
Northstar Scientific Systems
Raleigh, North Carolina
Raleigh, NC

Dear Hiring Team at Northstar Scientific Systems,

I am excited to apply for the Senior QA Automation Engineer role at Northstar Scientific Systems. I bring more than seven years of QA automation experience across **scientific software, laboratory data workflows**, and LIMS products. The chance to support chemical and laboratory applications in Raleigh is a strong fit for my background and interests.

In my current role at HelixPoint Laboratory Technologies, I own automation for a cloud-based LIMS platform. I build **Playwright** tests in TypeScript, maintain **Java Selenium WebDriver and TestNG** suites, and use **Allure Framework** attachments to give teams clear evidence for complex workflows. My work covers sample intake, chain of custody, result approval, and scientific dashboards.

I have built API coverage with the **Karate Framework** and maintained **Jenkins pipelines** running in AWS. I have used EC2 test agents, S3 artifacts, and CloudWatch monitoring for nightly regression feedback. My background with **Gitflow**, pull request reviews, rebasing, and merge conflict resolution helps keep active test repositories reliable.

I use **GitHub Copilot**, Windsurf, and Claude for test scaffolding, refactoring, and edge-case analysis, followed by peer review and focused checks. I have written Cucumber scenarios for chemical measurement and approval workflows, coached junior engineers, and worked with dynamic locators and network-state defects. I would welcome the opportunity to bring this practical experience to Northstar Scientific Systems.

Thank you for your time and consideration. I look forward to discussing how I can support Northstar Scientific Systems' Quality Engineering team.

Sincerely,